

WPI/REC'D/PCT/PTO 06 DEC 20059482 Sequence listing.txt
SEQUENCE LISTING

<110> ICH Productions Limited

<120> PEPTIDE LIGANDS

<130> 9482 WO

<160> 50

<170> PatentIn version 3.1

<210> 1

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(4)

<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = a
ny amino acid residue, Xaa at position 4 = any amino acid residue

<400> 1

Pro Xaa Xaa Xaa Thr
1 5

<210> 2

<211> 4

<212> PRT

<213> Artificial sequence

9482 Sequence listing.txt

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa at position 3 = any amino acid residue

<400> 2

Pro Ser Xaa Ser
1

<210> 3

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(4)

<223> Xaa at position 2 = any amino acid, Xaa at position 3 = any amino acid having an amide side chain, Xaa at position 4 = any amino acid

<400> 3

Gln Xaa Xaa Xaa Gln
1 5

<210> 4

<211> 3

<212> PRT

<213> Artificial Sequence

9482 Sequence listing.txt

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa at position 2 = any amino acid residue having an aliphatic side chain

<400> 4

Ser Xaa Ser
1

<210> 5

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa at position 2 = any amino acid residue

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa at position 4 = any amino acid residue

<400> 5

Pro Xaa Leu Xaa Thr
1 5

<210> 6

9482 Sequence listing.txt

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 6

Pro Ala Leu Lys Thr
1 5

<210> 7

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa at position 2 = any amino acid residue

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa at position 4 = any amino acid residue

<400> 7

Pro Xaa Asn Xaa Thr
1 5

<210> 8

<211> 5

9482 Sequence listing.txt

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 8

Pro Ser Asn Ser Thr
1 5

<210> 9

<211> 5

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 9

Pro Pro Asn Thr Thr
1 5

<210> 10

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(4)

<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = an
y amino acid residue, Xaa at position 4 = any amino acid residue

<220>

9482 Sequence listing.txt

<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa at position 6 = any amino acid residue

<400> 10

Pro Xaa Xaa Xaa Thr Xaa
1 5

<210> 11
<211> 6
<212> PRT
<213> Artificial Sequence

<220>

<223> Peptide ligand
<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa at position 2 = any amino acid residue

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa at position 4 = any amino acid residue

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa at position 6 = any amino acid residue

<400> 11

Pro Xaa Leu Xaa Thr Xaa
1 5

9482 Sequence listing.txt

<210> 12
<211> 6
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide ligand
<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa at position 2 = any amino acid residue

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa at position 4 = any amino acid residue

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa at position 6 = any amino acid residue

<400> 12
Pro Xaa Asn Xaa Thr Xaa
1 5

<210> 13
<211> 6
<212> PRT
<213> Artificial Sequence

<220>

9482 Sequence listing.txt

<223> Peptide ligand
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa at position 1 = any amino acid residue

<220>
<221> MISC_FEATURE
<222> (3)..(5)
<223> Xaa at position 3 = any amino acid residue, Xaa at position 4 = any amino acid residue, Xaa at position 5 = any amino acid residue

<400> 13
Xaa Pro Xaa Xaa Xaa Thr
1 5

<210> 14
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide ligand
<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa at position 1 = any amino acid residue

<220>
<221> MISC_FEATURE
<222> (3)..(5)
<223> Xaa at position 3 = any amino acid residue, Xaa at position 4 = any amino acid residue, Xaa at position 5 = any amino acid residue

9482 Sequence listing.txt

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa at position 7 = any amino acid residue

<400> 14
Xaa Pro Xaa Xaa Xaa Thr Xaa
1 5

<210> 15
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide ligand
<400> 15
Ala Pro Ser Asn Ser Thr Ala
1 5

<210> 16
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide ligand
<400> 16
Ser Pro Ala Leu Lys Thr Val
1 5

<210> 17
<211> 7
<212> PRT

9482 Sequence Listing.txt

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 17

Ser Thr Pro Pro Asn Thr Thr
1 5

<210> 18

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 18

Pro Ser Asn Ser
1

<210> 19

<211> 4

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 19

Pro Ser Leu Ser
1

<210> 20

<211> 5

<212> PRT

<213> Artificial Sequence

9482 Sequence listing.txt

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa at position 1 = Ala or Lys

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa at position 4 = any amino acid residue

<400> 20

Xaa Pro Ser Xaa Ser
1 5

<210> 21

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 21

Ala Pro Ser Asn Ser
1 5

<210> 22

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

9482 Sequence listing.txt

<223> Peptide ligand

<400> 22

Leu Pro Ser Leu Ser
1 5

<210> 23

<211> 6

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 23

Met Leu Pro Ser Leu Ser
1 5

<210> 24

<211> 7

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 24

Pro Met Leu Pro Ser Leu Ser
1 5

<210> 25

<211> 7

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 25

9482 Sequence Listing.txt

Ser Gln Lys Asn Pro Gln Met
1 5

<210> 26

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 26

Phe Gln Ser Gln Tyr Gln Lys
1 5

<210> 27

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 27

Met Ala Ser Ile Ser Met Lys
1 5

<210> 28

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 28

Asp Trp Trp His Thr Ser Ala
1 5

9482 Sequence listing.txt

<210> 29
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide ligand
<400> 29
Ser His Val Lys Leu Asn Ser
1 5

<210> 30
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide ligand
<400> 30
Gln Leu Leu Thr Gly Ala Ser
1 5

<210> 31
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Peptide ligand
<400> 31
Thr Ala Arg Asp Tyr Arg Leu
1 5

<210> 32

9482 Sequence listing.txt

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 32

Phe Pro Arg Ala Pro His His
1 5

<210> 33

<211> 7

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 33

Ser Glu Trp Leu Ser Ala Leu
1 5

<210> 34

<211> 7

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 34

Ile Gly Gly Ile Arg Arg His
1 5

<210> 35

<211> 7

9482 Sequence listing.txt

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 35

Tyr Thr Met Glu Phe Asn Arg
1 5

<210> 36

<211> 7

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 36

Pro Ala Ala Tyr Lys Ala His
1 5

<210> 37

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(4)

<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = a
ny amino acid residue, Xaa at position 4 = any amino acid residue

<220>

9482 Sequence listing.txt

<221> MISC_FEATURE

<222> (6)..(6)

<223> Xaa at position 6 = Ala or Val

<400> 37

Pro Xaa Xaa Xaa Thr Xaa
1 5

<210> 38

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa at position 2 = any amino acid residue,

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa at position 4 = any amino acid residue,

<400> 38

Pro Xaa Asn Xaa Thr
1 5

<210> 39

<211> 5

<212> PRT

<213> Artificial Sequence

9482 Sequence Listing.txt

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(4)

<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = Asn or Leu, Xaa at position 4 = any amino acid residue

<400> 39

Pro Xaa Xaa Xaa Thr
1 5

<210> 40

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa at position 2 = any amino acid residue

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa at position = Thr or Ser

<400> 40

Pro Xaa Asn Xaa Thr
1 5

<210> 41

9482 Sequence listing.txt

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa at position 1 = Ala or Leu

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa at position 4 = any amino acid residue

<400> 41

Xaa Pro Ser Xaa Ser
1 5

<210> 42

<211> 5

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(4)

<223> Xaa at position 2 = any amino acid residue, Xaa at position 3 = A
sn or Gln, Xaa at position 3 = any amino acid residue

9482 Sequence listing.txt

<400> 42

Gln Xaa Xaa Xaa Gln
1 5

<210> 43

<211> 3

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> xaa at position 2 = Leu or Ile

<400> 43

Ser Xaa Ser
1

<210> 44

<211> 28

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 44

Lys
1 5 10 15

Gly Ala Cys Ser His Val Lys Leu Asn Ser Cys Gly
20 25

<210> 45

9482 Sequence listing.txt

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 45

Lys
1 5 10 15

Gly Ala Cys Ala Pro Ser Asn Ser Thr Ala Cys Gly
20 25

<210> 46

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 46

Lys
1 5 10 15

Gly Ala Cys Met Ala Ser Ile Ser Met Lys Cys Gly
20 25

<210> 47

<211> 28

<212> PRT

<213> Artificial sequence

<220>

<223> Peptide ligand

<400> 47

Lys
Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys Lys

1 5 9482 Sequence listing.txt 10 15

Gly Ala Cys Phe Pro Arg Ala Pro His His Cys Gly
20 25

<210> 48

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 48

Gly Ala Cys Asp Trp Trp His Thr Ser Ala Cys Gly
20 25

<210> 49

<211> 28

<212> PRT

<213> Artificial Sequence

<220>

<223> Peptide ligand

<400> 49

Gly Ala Cys Arg Arg Glu Thr Ala Trp Ala Cys Gly
20 25

<210> 50

<211> 28

<212> PRT

<213> Artificial Sequence

9482 Sequence listing.txt

<220>

<223> Peptide ligand

<400> 50

Lys
1 5 10 15

Gly Ala Cys Ala Thr Arg Trp Ala Arg Glu Cys Gly
20 25